

ABSTRACT OF THE DISCLOSURE

According to the present invention there is provided a system for enabling Wireless Wide Area Network (W^2AN) communication capable of aggregating and disseminating information for the Telematics domain, without the need of additional external network infrastructure, such as communication towers and central switch. The invention offers a new method for Telematics W^2AN (TW^2AN), wherein each Network Object communicates only with Network Objects in its immediate surrounding using WLAN/PAN technologies (Bluetooth, 802.11a/b, DSRC, DECT). The information reaches remote Network Objects by continues exchanges of information between close Network Objects using WLAN/PAN technology. The invention present includes an Aggregating Disseminating Communication Component (ADCC) that is added to each Network Object. The ADCC collects traffic related information and builds an internal traffic map of the area. The underlying Network Object can initiate transmission of information using the ADCC to TW^2AN . The ADCC is capable of receiving information, if needed the received information is updated the underlying Network Object and then exchanged to the next Network Object.